
Overweight and Obesity

OVERWEIGHT OR OBESE

Definition: Overweight or obese is defined as respondents who report having a Body Mass Index (BMI) of 25.0 or above. Body Mass Index (BMI) is calculated by taking a person's body weight in pounds divided by his or her height in inches divided by height in inches (again) times 703 (i.e., $((wt/ht)/ht \times 703)$).

Prevalence of Overweight or Obese

- South Dakota 61.8%
- There is no nationwide median for overweight or obese

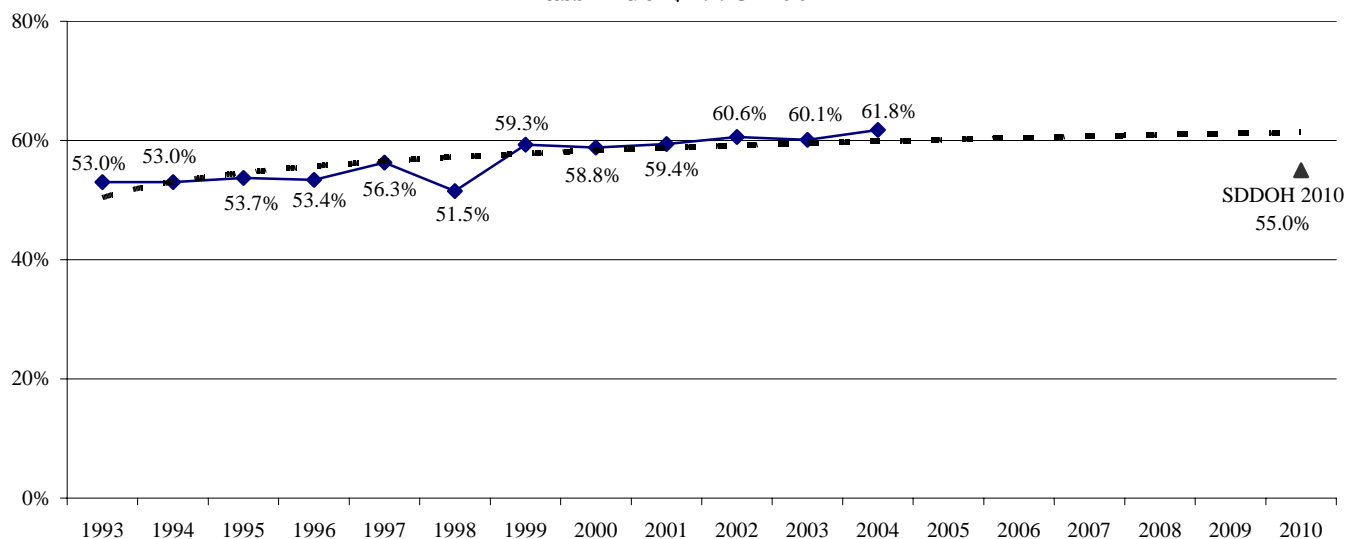
South Dakota Department of Health 2010 Initiative

Reduce the percent of adults who are overweight or obese to 55 percent.

Trend Analysis

Overall, the percent of respondents who are overweight or obese has been increasing since the question was first asked in 1993. South Dakota has not met the *South Dakota Department of Health 2010 Initiative* of 55 percent.

Figure 9
Percent of Respondents Who Are Overweight or Obese Based on Body Mass Index, 1993-2004



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 1993-2004

Demographics

Gender

Males exhibit a significantly higher percentage of those who are overweight or obese than females. This difference is shown throughout many demographic groups including those 25-74 years old, whites, those with a household income of \$35,000 and over, and those with a high school education or more.

Age	The prevalence of overweight or obesity takes a significant increase during the 25-34 age group and then a significant decrease with the 75 and older age group. It should be noted that females show a significant increase during the 45-54 age group.
Race	American Indians exhibit a significantly higher prevalence of those who are overweight or obese than do whites. This difference is much more evident in females than males.
Region	The American Indian counties region shows a very high prevalence of overweight or obesity, while the southeast and west regions demonstrate a very low prevalence. However, males do not exhibit these same regional differences, and females exhibit some unique differences. Females in the southeast still show a very low prevalence and those in the American Indian counties still show a very high prevalence, but females in the northeast and central also exhibit a very high prevalence.
Household Income	The prevalence of those overweight or obese does not seem to follow a consistent pattern as household income increases.
Education	The prevalence of those overweight or obese generally decreases as education increases.
Employment Status	Those who are unable to work or self-employed exhibit a very high prevalence of overweight or obesity, while those who are students or homemakers show a very low prevalence.
Marital Status	Those who have never been married demonstrate significantly lower prevalence of those who are overweight or obese than all other marital status groups.

Table 12
Respondents Who Are Overweight or Obese, 2004

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Total	5,941	61.8	(60.1-63.4)	2,510	70.5	(68.1-72.8)	3,431	53.0	(50.8-55.1)
Age									
18-24	329	40.6	(34.6-46.9)	148	43.8	(35.1-53.0)	181	37.1	(29.4-45.6)
25-34	766	60.7	(56.7-64.5)	336	71.5	(65.8-76.6)	430	48.6	(43.3-53.9)
35-44	995	64.2	(60.7-67.5)	428	77.5	(72.9-81.6)	567	49.8	(45.1-54.5)
45-54	1,238	69.8	(66.8-72.6)	565	79.6	(75.6-83.1)	673	59.0	(54.7-63.2)
55-64	932	71.7	(68.3-75.0)	405	78.3	(73.5-82.5)	527	65.0	(60.1-69.6)
65-74	864	70.7	(67.2-74.0)	367	80.3	(75.4-84.4)	497	62.1	(57.1-66.8)
75+	807	55.1	(51.1-59.1)	257	57.1	(50.0-63.9)	550	53.8	(49.0-58.6)
Race									
White	5,314	61.1	(59.4-62.8)	2,263	70.1	(67.6-72.6)	3,051	51.9	(49.6-54.1)
American Indian	423	76.5	(70.5-81.7)	163	80.4	(72.2-86.6)	260	73.5	(64.5-80.9)
Region									
Southeast	1,459	59.7	(56.6-62.7)	622	71.0	(66.4-75.1)	837	48.4	(44.4-52.4)
Northeast	1,347	63.8	(60.6-66.9)	557	70.5	(65.4-75.1)	790	56.9	(52.9-60.8)
Central	1,114	65.6	(62.2-68.9)	463	74.5	(69.2-79.3)	651	57.1	(52.6-61.5)
West	1,392	59.6	(56.4-62.7)	598	66.9	(62.1-71.4)	794	52.0	(47.8-56.1)
American Indian Counties	629	71.0	(66.1-75.6)	270	75.5	(68.8-81.2)	359	66.4	(59.1-73.0)

Table 12 (continued)
Respondents Who Are Overweight or Obese, 2004

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Household Income									
Less than \$10,000	295	55.9	(47.4-64.2)	*	*	*	*	*	*
\$10,000-\$14,999	360	65.7	(59.1-71.7)	101	75.6	(65.1-83.7)	259	60.2	(52.2-67.7)
\$15,000-\$19,999	496	56.7	(50.2-63.0)	189	61.9	(51.8-71.1)	307	52.4	(44.0-60.7)
\$20,000-\$24,999	656	68.2	(63.1-72.9)	263	71.3	(63.1-78.2)	393	65.2	(58.8-71.1)
\$25,000-\$34,999	955	63.1	(59.0-67.0)	433	67.0	(60.9-72.5)	522	58.4	(52.9-63.6)
\$35,000-\$49,999	1,023	66.0	(62.4-69.5)	475	75.3	(69.9-79.9)	548	55.4	(50.5-60.3)
\$50,000-\$74,999	889	61.7	(57.9-65.4)	406	73.5	(67.9-78.5)	483	49.7	(44.5-54.8)
\$75,000+	711	61.1	(56.8-65.3)	379	73.7	(67.7-78.9)	332	42.1	(36.3-48.1)
Education									
8th Grade or Less	251	65.5	(58.3-72.0)	129	68.5	(58.8-76.9)	122	60.8	(50.3-70.5)
Some High School	311	56.0	(47.9-63.8)	136	59.2	(47.7-69.8)	175	52.3	(41.0-63.4)
High School or G.E.D.	1,952	63.4	(60.5-66.2)	857	71.1	(66.7-75.2)	1,095	55.0	(51.2-58.8)
Some Post-High School	1,691	62.3	(59.2-65.3)	645	68.9	(64.0-73.5)	1,046	56.7	(52.7-60.5)
College Graduate	1,729	59.9	(57.1-62.7)	740	73.4	(69.4-77.0)	989	46.0	(42.4-49.7)
Employment Status									
Employed for Wages	2,952	63.2	(61.0-65.4)	1,247	71.7	(68.4-74.8)	1,705	53.9	(51.0-56.8)
Self-employed	815	67.0	(62.9-70.8)	544	75.4	(70.5-79.6)	271	47.3	(40.4-54.3)
Unemployed	139	54.0	(42.0-65.5)	*	*	*	*	*	*
Homemaker	275	55.1	(48.3-61.7)	*	*	*	*	*	*
Student	130	34.5	(25.7-44.5)	*	*	*	*	*	*
Retired	1,456	62.5	(59.6-65.4)	525	69.3	(64.6-73.7)	931	57.3	(53.6-60.9)
Unable to Work	173	76.7	(68.7-83.2)	*	*	*	*	*	*
Marital Status									
Married/Unmarried Couple	3,535	64.9	(63.0-66.7)	1,568	76.1	(73.5-78.4)	1,967	53.3	(50.8-55.9)
Divorced/Separated	793	63.4	(59.2-67.3)	353	70.9	(65.0-76.2)	440	56.4	(50.5-62.0)
Widowed	863	60.0	(56.3-63.7)	162	65.5	(57.0-73.1)	701	58.7	(54.5-62.8)
Never Married	742	49.7	(44.5-55.0)	424	53.4	(46.6-60.1)	318	43.5	(35.7-51.7)

Note: *Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2004

Further Analysis

Following are data illustrating the percent of those who are overweight or obese for various health behaviors and conditions. For example, 83.8 percent of respondents who have diabetes are overweight or obese, while 61.1 percent of respondents who do not have diabetes are overweight or obese.

Table 13
Overweight or Obese for Selected Health Behaviors and Conditions, 2004

Health Behavior or Condition	# Respondents	% Overweight or Obese	95% CI
Fair or Poor Health Status	903	71.7	67.5-75.5
Excellent, Very Good, or Good Health Status	4,941	61.4	59.6-63.2
Physical Health Not Good for 30 Days of the Past 30	373	71.9	65.3-77.7
Physical Health Not Good for 0-29 Days of the Past 30	5,432	62.3	60.6-63.9
Mental Health Not Good for 20-30 Days of the Past 30	330	59.4	52.1-66.4
Mental Health Not Good for 0-19 Days of the Past 30	5,475	62.9	61.2-64.6
Usual Activities Unattainable for 10-30 Days of the Past 30	375	69.5	62.9-75.4
Usual Activities Unattainable for 0-9 Days of the Past 30	5,462	62.2	60.5-63.8
No Leisure Time Physical Activity	1,250	67.9	64.5-71.1
Leisure Time Physical Activity	4,603	61.5	59.6-63.3

Table 13 (continued)
Overweight or Obese for Selected Health Behaviors and Conditions, 2004

Health Behavior or Condition	# Respondents	% Overweight or Obese	95% CI
Current Smoker	1,170	58.0	54.2-61.7
Former Smoker	1,546	72.0	69.3-74.6
Never Smoked	3,133	60.4	58.1-62.6
Drank Alcohol in Past 30 Days	3,175	62.7	60.5-64.8
No Alcohol in Past 30 Days	2,650	62.9	60.4-65.3
Binge Drinker	777	62.8	58.2-67.2
Not a Binge Drinker	5,029	62.7	61.0-64.4
Heavy Drinker	202	58.6	49.4-67.3
Not a Heavy Drinker	5,588	62.9	61.2-64.5
No Mammogram within Past Two Years (40+)	600	58.6	53.7-63.3
Mammogram within Past Two Years (40+)	1,883	59.9	57.3-62.4
No Clinical Breast Exam within Past Two Years	628	55.4	50.1-60.6
Clinical Breast Exam within Past Two Years	2,694	53.7	51.3-56.1
Insufficient Cervical Cancer Screening	368	51.7	44.4-58.9
Sufficient Cervical Cancer Screening	2,098	51.3	48.6-54.0
No PSA Test within Past Two Years (40+)	799	74.3	70.6-77.7
PSA Test within Past Two Years (40+)	960	77.9	74.7-80.8
No Digital Rectal Exam within Past Two Years (40+)	808	76.4	72.8-79.6
Digital Rectal Exam within Past Two Years (40+)	1,003	76.4	73.2-79.3
No Blood Stool Test within Past Two Years (50+)	2,310	67.3	65.0-69.5
Blood Stool Test within Past Two Years (50+)	858	70.4	66.7-73.8
Never Had Sigmoidoscopy or Colonoscopy (50+)	1,570	67.4	64.6-70.1
Ever Had Sigmoidoscopy or Colonoscopy (50+)	1,617	69.0	66.3-71.5
Haven't Been to the Dentist in the Past 12 Months	1,759	65.8	62.9-68.6
Been to the Dentist in the Past 12 Months	4,087	61.4	59.4-63.3
Not Taking any Precautions Against West Nile Virus	1,843	63.5	60.5-66.3
Taking Precautions Against West Nile Virus	3,873	62.5	60.5-64.5
No Health Insurance (18-64)	354	57.1	49.8-64.2
Health Insurance (18-64)	3,740	63.2	61.2-65.1
Employer Based Health Insurance Coverage (18-64)	2,561	62.2	59.8-64.5
Private Health Insurance Plan (18-64)	512	62.1	56.6-67.4
Medicare (18-64)	107	76.5	66.2-84.4
Medicaid or Medical Assistance (18-64)	105	60.0	47.2-71.6
The Military, CHAMPUS, TriCare, or the VA (18-64)	180	66.6	57.6-74.5
The Indian Health Service (18-64)	227	75.3	67.3-81.9
No Flu Shot (65+)	398	61.4	55.7-66.8
Flu Shot (65+)	1,239	64.3	61.1-67.4
No Pneumonia Shot (65+)	551	60.4	55.5-65.0
Pneumonia Shot (65+)	1,071	64.9	61.5-68.2
Diabetes	512	83.8	79.0-87.7
No Diabetes	5,342	61.1	59.4-62.8
Current Asthma	429	62.5	55.3-69.1
Former Asthma	183	60.4	49.9-70.0
Never Had Asthma	5,224	62.7	61.0-64.4
Previously Had a Heart Attack	356	70.6	64.8-75.8
Never Had a Heart Attack	5,379	62.5	60.8-64.1
Have Angina or Coronary Heart Disease	390	72.0	66.4-76.9
Do not Have Angina or Coronary Heart Disease	5,327	62.2	60.5-63.9
Previously Had a Stroke	188	68.5	60.2-75.8
Never Had a Stroke	5,545	62.6	61.0-64.3

Table 13 (continued) Overweight or Obese for Selected Health Behaviors and Conditions, 2004			
Health Behavior or Condition	# Respondents	% Overweight or Obese	95% CI
Physical, Mental, or Emotional Disability	1,192	68.9	65.1-72.5
No Physical, Mental, or Emotional Disability	4,608	61.4	59.6-63.2
Disability with Special Equipment Needed	418	70.6	65.1-75.6
No Disability with Special Equipment Needed	5,382	62.2	60.5-63.9
Four or More Hours of TV Watched per Day	1,365	69.9	66.7-72.9
Less Than Four Hours of TV Watched per Day	4,333	60.9	59.0-62.8
Sick from Poor Indoor Air Quality in Past 12 Months	963	64.1	59.9-68.1
Not Sick from Poor Indoor Air Quality in Past 12 Months	4,847	62.4	60.6-64.1
Sick from Outdoor Air Pollution in Past 12 Months	406	68.7	62.3-74.4
Not Sick from Outdoor Air Pollution in Past 12 Months	5,428	62.2	60.5-63.8
Firearm in Household	3,273	64.3	62.2-66.3
No Firearms in Household	2,375	59.4	56.7-62.0
Loaded and Unlocked Firearm in Household	270	67.3	59.3-74.5
No Loaded and Unlocked Firearms in Household	5,342	62.1	60.4-63.8
No Birth Control (females 18-44 & males 18-59)	323	68.1	61.2-74.3
Birth Control (females 18-44 & males 18-59)	1,629	62.0	59.1-64.8
Never Been Tested for HIV (18-64)	2,954	62.6	60.3-64.9
Been Tested for HIV (18-64)	1,113	62.0	58.3-65.5
Sunburn in Past 12 Months	2,098	62.9	60.2-65.6
No Sunburn in Past 12 Months	3,747	62.4	60.4-64.4
Military Veteran	1,003	73.9	70.4-77.1
Not a Military Veteran	4,845	60.3	58.5-62.1

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2004

OBESITY

Definition: Obesity is defined as respondents who report having a Body Mass Index (BMI) of 30.0 or above. Body Mass Index (BMI) is calculated by taking a person's body weight in pounds divided by his or her height in inches divided by height in inches (again) times 703 (i.e., $((wt/ht)/ht \times 703)$).

Prevalence of Obesity

- South Dakota 23.8%
- There is no nationwide median for obese

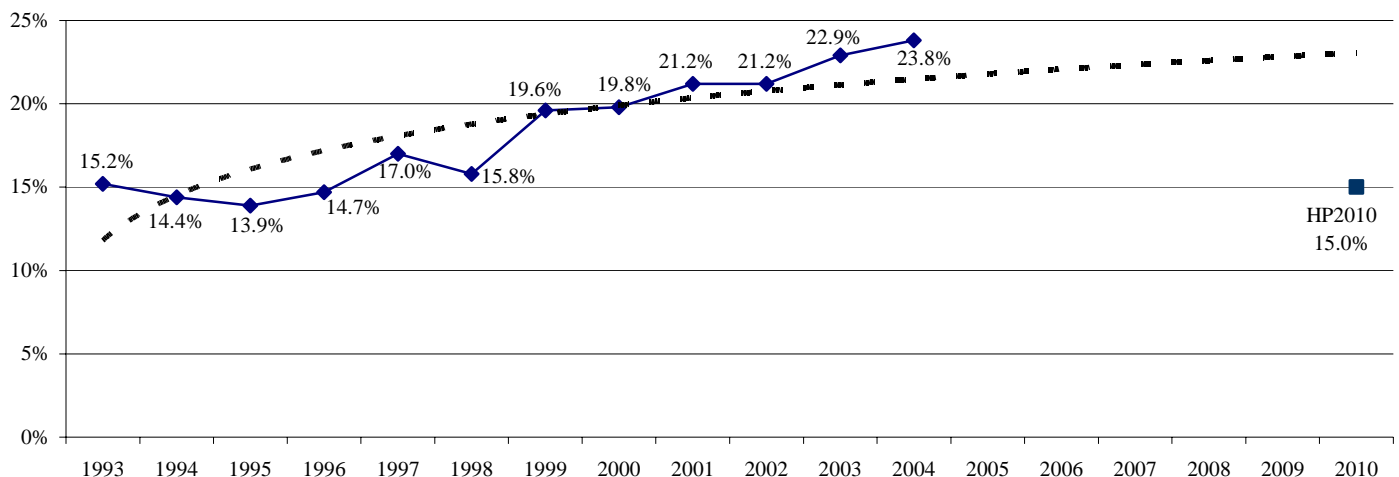
Healthy People 2010 Objective

Reduce the proportion of adults aged 20 years and older who are obese to 15 percent.

Trend Analysis

The percent of respondents who are obese was first asked in 1993 and has been increasing since 1998 when 15.8 percent of respondents were obese. However, South Dakota did meet the *Healthy People 2010 Objective* of 15 percent from 1994 to 1996. However, in more recent years South Dakota has been unable to reach the objective.

Figure 10
Percent of Respondents Who Are Obese Based on Body Mass Index, 1993-2004



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 1993-2004

Demographics

Gender There is no significant difference between males and females overall, but there are a few instances where males in certain demographics demonstrated a significantly higher prevalence of obesity than females. These demographics included those in the southeast, those with a household income of \$75,000 and over, and those who are married.

Age	The prevalence of obesity increases until the 45-54 age group where it seems to reach a high and then declines from there as age increases. This includes a significant increase as the 25-34 age group is reached. One minor gender difference is that females seem to reach a high later in life during the 55-64 age group instead of 45-54.
Race	American Indians exhibit a significantly higher prevalence of obesity than do whites.
Region	The northeast and American Indian counties regions show a very high prevalence of obesity, while the southeast and west regions demonstrate a very low prevalence. However, the prevalence in females living in the central is also very high.
Household Income	The prevalence of those who are obese does not seem to follow a consistent pattern as household income increases.
Education	The prevalence of those who are obese generally increases as education increases until a decline is shown at the college graduate level. This decline in obesity of college graduates is much more evident in females than males.
Employment Status	Those who are unable to work or a homemaker exhibit a very high prevalence of obesity, while those who are students show a very low prevalence.
Marital Status	There are no significant differences in obesity among the various marital status groups.

Table 14
Respondents Who Are Obese, 2004

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Total	5,941	23.8	(22.5-25.2)	2,510	25.0	(23.0-27.1)	3,431	22.7	(21.0-24.4)
Age									
18-24	329	13.1	(9.6-17.8)	148	12.7	(7.8-19.9)	181	13.6	(8.9-20.2)
25-34	766	22.5	(19.4-26.1)	336	22.5	(17.9-27.9)	430	22.6	(18.5-27.3)
35-44	995	26.2	(23.2-29.4)	428	28.9	(24.4-33.9)	567	23.3	(19.6-27.4)
45-54	1,238	30.0	(27.1-33.1)	565	33.0	(28.6-37.8)	673	26.7	(23.1-30.7)
55-64	932	29.8	(26.5-33.2)	405	30.5	(25.6-35.9)	527	29.0	(24.9-33.5)
65-74	864	24.1	(21.0-27.5)	367	24.6	(19.9-30.0)	497	23.6	(19.7-28.0)
75+	807	18.1	(15.4-21.3)	257	16.3	(12.1-21.6)	550	19.3	(15.9-23.3)
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Household Income									
Less than \$10,000	295	25.1	(19.4-31.9)	*	*	*	*	*	*
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Some High School	311	22.1	(16.9-28.3)	136	19.1	(12.3-28.3)	175	25.5	(18.2-34.6)
High School or G.E.D.	1,952	24.9	(22.6-27.4)	857	25.8	(22.5-29.5)	1,095	24.0	(21.0-27.2)
Some Post-High School	1,691	25.8	(23.4-28.4)	645	26.4	(22.6-30.5)	1,046	25.3	(22.3-28.6)
College Graduate	1,729	21.1	(18.8-23.5)	740	24.1	(20.6-28.1)	989	17.9	(15.4-20.7)
Employment Status									
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Self-employed	815	23.2	(19.9-26.7)	544	26.0	(21.9-30.5)	271	16.6	(12.2-22.2)
Unemployed	139	26.6	(17.9-37.7)	*	*	*	*	*	*
Homemaker	275	25.8	(20.1-32.4)	*	*	*	*	*	*
Student	130	11.8	(7.1-19.0)	*	*	*	*	*	*
Retired	1,456	22.2	(19.9-24.7)	525	23.5	(19.7-27.8)	931	21.2	(18.4-24.2)
Unable to Work	173	39.4	(30.8-48.8)	*	*	*	*	*	*
Marital Status									
Married/Unmarried Couple	3,535	24.5	(22.9-26.1)	1,568	26.7	(24.4-29.3)	1,967	22.1	(20.2-24.2)
Divorced/Separated	793	27.4	(23.7-31.3)	353	26.1	(20.9-31.9)	440	28.6	(23.7-34.1)
Widowed	863	21.9	(19.0-25.1)	162	18.1	(12.8-25.0)	701	22.9	(19.6-26.5)
Never Married	742	20.5	(16.9-24.6)	424	20.0	(15.5-25.5)	318	21.2	(15.7-27.9)

Note: *Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2004

Further Analysis

Following are data illustrating the percent of those who are obese for various health behaviors and conditions. For example, 46.6 percent of respondents who have diabetes are obese, while 22.6 percent of respondents who do not have diabetes are obese.

Table 15
Obese Status for Selected Health Behaviors and Conditions, 2004

Health Behavior or Condition	# Respondents	% Obese	95% CI
Fair or Poor Health Status	903	37.9	34.0-41.9
Excellent, Very Good, or Good Health Status	4,941	22.2	20.9-23.7
Physical Health Not Good for 30 Days of the Past 30	373	36.6	30.8-42.9
Physical Health Not Good for 0-29 Days of the Past 30	5,432	23.5	22.1-24.9
Mental Health Not Good for 20-30 Days of the Past 30	330	29.4	23.5-36.0
Mental Health Not Good for 0-19 Days of the Past 30	5,475	23.9	22.5-25.2
Usual Activities Unattainable for 10-30 Days of the Past 30	375	37.4	31.6-43.6
Usual Activities Unattainable for 0-9 Days of the Past 30	5,462	23.3	22.0-24.7
No Leisure Time Physical Activity	1,250	30.6	27.6-33.8
Leisure Time Physical Activity	4,603	22.7	21.3-24.2
Current Smoker	1,170	23.1	20.2-26.2
Former Smoker	1,546	29.1	26.4-31.9
Never Smoked	3,133	22.6	20.8-24.4
Drank Alcohol in Past 30 Days	3,175	21.9	20.3-23.7
No Alcohol in Past 30 Days	2,650	27.6	25.5-29.8
Binge Drinker	777	21.3	18.2-24.9
Not a Binge Drinker	5,029	24.9	23.5-26.4
Heavy Drinker	202	22.1	16.2-29.5
Not a Heavy Drinker	5,588	24.3	23.0-25.7
No Mammogram within Past Two Years (40+)	600	25.0	21.1-29.3
Mammogram within Past Two Years (40+)	1,883	25.7	23.6-28.0
No Clinical Breast Exam within Past Two Years	628	23.1	19.1-27.7
Clinical Breast Exam within Past Two Years	2,694	23.2	21.4-25.1

Table 15 (continued)			
Obese Status for Selected Health Behaviors and Conditions, 2004			
Health Behavior or Condition	# Respondents	% Obese	95% CI
Insufficient Cervical Cancer Screening	368	21.2	16.5-26.8
Sufficient Cervical Cancer Screening	2,098	22.4	20.3-24.6
No PSA Test within Past Two Years (40+)	799	28.7	25.2-32.6
PSA Test within Past Two Years (40+)	960	28.8	25.6-32.3
No Digital Rectal Exam within Past Two Years (40+)	808	26.8	23.4-30.5
Digital Rectal Exam within Past Two Years (40+)	1,003	30.4	27.1-33.9
No Blood Stool Test within Past Two Years (50+)	2,310	25.7	23.7-27.9
Blood Stool Test within Past Two Years (50+)	858	29.0	25.7-32.6
Never Had Sigmoidoscopy or Colonoscopy (50+)	1,570	25.5	23.1-28.1
Ever Had Sigmoidoscopy or Colonoscopy (50+)	1,617	27.4	25.0-30.0
Haven't Been to the Dentist in the Past 12 Months	1,759	26.4	23.9-28.9
Been to the Dentist in the Past 12 Months	4,087	23.4	21.8-25.0
Not Taking any Precautions Against West Nile Virus	1,843	22.7	20.5-25.1
Taking Precautions Against West Nile Virus	3,873	25.1	23.5-26.8
No Health Insurance (18-64)	354	24.5	19.4-30.6
Health Insurance (18-64)	3,740	25.2	23.5-26.9
Employer Based Health Insurance Coverage (18-64)	2,561	25.1	23.2-27.1
Private Health Insurance Plan (18-64)	512	20.9	17.1-25.3
Medicare (18-64)	107	34.9	25.4-45.8
Medicaid or Medical Assistance (18-64)	105	29.9	20.5-41.3
The Military, CHAMPUS, TriCare, or the VA (18-64)	180	19.3	13.7-26.4
The Indian Health Service (18-64)	227	43.6	34.5-53.1
No Flu Shot (65+)	398	21.4	17.0-26.6
Flu Shot (65+)	1,239	21.2	18.8-23.8
No Pneumonia Shot (65+)	551	22.2	18.4-26.5
Pneumonia Shot (65+)	1,071	20.9	18.4-23.7
Diabetes	512	46.6	41.4-51.9
No Diabetes	5,342	22.6	21.3-24.0
Current Asthma	429	32.0	26.7-37.8
Former Asthma	183	20.4	14.2-28.3
Never Had Asthma	5,224	23.7	22.3-25.1
Previously Had a Heart Attack	356	30.1	25.0-35.7
Never Had a Heart Attack	5,379	24.1	22.7-25.5
Have Angina or Coronary Heart Disease	390	33.4	28.1-39.2
Do not Have Angina or Coronary Heart Disease	5,327	23.8	22.4-25.2
Previously Had a Stroke	188	27.3	20.7-35.1
Never Had a Stroke	5,545	24.3	22.9-25.6
Physical, Mental, or Emotional Disability	1,192	33.0	29.8-36.4
No Physical, Mental, or Emotional Disability	4,608	22.5	21.0-23.9
Disability with Special Equipment Needed	418	33.3	27.4-39.8
No Disability with Special Equipment Needed	5,382	23.7	22.4-25.1
Four or More Hours of TV Watched per Day	1,365	30.2	27.4-33.2
Less Than Four Hours of TV Watched per Day	4,333	22.8	21.3-24.3
Sick from Poor Indoor Air Quality in Past 12 Months	963	29.0	25.7-32.5
Not Sick from Poor Indoor Air Quality in Past 12 Months	4,847	23.1	21.6-24.5
Sick from Outdoor Air Pollution in Past 12 Months	406	29.1	24.1-34.7
Not Sick from Outdoor Air Pollution in Past 12 Months	5,428	23.8	22.5-25.2
Firearm in Household	3,273	24.1	22.4-25.8
No Firearms in Household	2,375	24.5	22.4-26.8

Table 15 (continued) Obese Status for Selected Health Behaviors and Conditions, 2004			
Health Behavior or Condition	# Respondents	% Obese	95% CI
Loaded and Unlocked Firearm in Household	270	26.0	20.0-33.0
No Loaded and Unlocked Firearms in Household	5,342	24.1	22.7-25.5
No Birth Control (females 18-44 & males 18-59)	323	27.3	22.1-33.3
Birth Control (females 18-44 & males 18-59)	1,629	24.1	21.8-26.5
Never Been Tested for HIV (18-64)	2,954	25.6	23.8-27.6
Been Tested for HIV (18-64)	1,113	23.5	20.8-26.5
Sunburn in Past 12 Months	2,098	23.1	21.0-25.3
No Sunburn in Past 12 Months	3,747	25.0	23.4-26.7
Military Veteran	1,003	25.6	22.6-28.8
Not a Military Veteran	4,845	23.9	22.5-25.4

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2004